



1

SEQUENCE LISTING

<110> GIBBS, CRAIG S.
LEUNG, LAWRENCE L. K.
TSIANG, MANUEL

<120> NOVEL POLYPEPTIDES AND COAGULATION THERAPY

<130> 190.2DC

<140> 10/761,886

<141> 2004-01-20

<150> 09/504,735

<151> 2000-02-16

<150> 08/258,038

<151> 1994-06-10

<150> 08/152,657

<151> 1993-11-12

<160> 2

<170> PatentIn Ver. 3.2

<210> 1

<211> 885

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1) .. (885)

<400> 1

acc	ttt	ggc	tcg	gga	gag	gca	gac	tgt	ggg	ctg	cga	cct	ctg	ttc	gag	48
Thr	Phe	Gly	Ser	Gly	Glu	Ala	Asp	Cys	Gly	Leu	Arg	Pro	Leu	Phe	Glu	
1				5					10					15		

aag	aag	tcg	ctg	gag	gac	aaa	acc	gaa	aga	gag	ctc	ctg	gaa	tcc	tac	96
Lys	Lys	Ser	Leu	Glu	Asp	Lys	Thr	Glu	Arg	Glu	Leu	Leu	Glu	Ser	Tyr	
			20					25					30			

atc	gac	ggg	cgc	att	gtg	gag	ggc	tcg	gat	gca	gag	atc	ggc	atg	tca	144
Ile	Asp	Gly	Arg	Ile	Val	Glu	Gly	Ser	Asp	Ala	Glu	Ile	Gly	Met	Ser	
		35					40					45				

cct	tgg	cag	gtg	atg	ctt	ttc	cgg	aag	agt	ccc	cag	gag	ctg	ctg	tgt	192
Pro	Trp	Gln	Val	Met	Leu	Phe	Arg	Lys	Ser	Pro	Gln	Glu	Leu	Leu	Cys	
	50						55					60				

ggg gcc agc ctc atc agt gac cgc tgg gtc ctc acc gcc gcc cac tgc	240
Gly Ala Ser Leu Ile Ser Asp Arg Trp Val Leu Thr Ala Ala His Cys	
65 70 75 80	
ctc ctg tac ccg ccc tgg gac aag aac ttc acc gag aat gac ctt ctg	288
Leu Leu Tyr Pro Pro Trp Asp Lys Asn Phe Thr Glu Asn Asp Leu Leu	
85 90 95	
gtg cgc att ggc aag cac tcc cgc acc agg tac gag cga aac att gaa	336
Val Arg Ile Gly Lys His Ser Arg Thr Arg Tyr Glu Arg Asn Ile Glu	
100 105 110	
aag ata tcc atg ttg gaa aag atc tac atc cac ccc agg tac aac tgg	384
Lys Ile Ser Met Leu Glu Lys Ile Tyr Ile His Pro Arg Tyr Asn Trp	
115 120 125	
cgg gag aac ctg gac cgg gac att gcc ctg atg aag ctg aag aag cct	432
Arg Glu Asn Leu Asp Arg Asp Ile Ala Leu Met Lys Leu Lys Lys Pro	
130 135 140	
gtt gcc ttc agt gac tac att cac cct gtg tgt ctg ccc gac agg gag	480
Val Ala Phe Ser Asp Tyr Ile His Pro Val Cys Leu Pro Asp Arg Glu	
145 150 155 160	
acg gca gcc agc ttg ctc cag gct gga tac aag ggg cgg gtg aca ggc	528
Thr Ala Ala Ser Leu Leu Gln Ala Gly Tyr Lys Gly Arg Val Thr Gly	
165 170 175	
tgg ggc aac ctg aag gag acg tgg aca gcc aac gtt ggt aag ggg cag	576
Trp Gly Asn Leu Lys Glu Thr Trp Thr Ala Asn Val Gly Lys Gly Gln	
180 185 190	
ccc agt gtc ctg cag gtg gtg aac ctg ccc att gtg gag cgg ccg gtc	624
Pro Ser Val Leu Gln Val Val Asn Leu Pro Ile Val Glu Arg Pro Val	
195 200 205	
tgc aag gac tcc acc cgg atc cgc atc act gac aac atg ttc tgt gct	672
Cys Lys Asp Ser Thr Arg Ile Arg Ile Thr Asp Asn Met Phe Cys Ala	
210 215 220	
ggg tac aag cct gat gaa ggg aaa cga ggg gat gcc tgt gaa ggt gac	720
Gly Tyr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys Glu Gly Asp	
225 230 235 240	
agt ggg gga ccc ttt gtc atg aag agc ccc ttt aac aac cgc tgg tat	768
Ser Gly Gly Pro Phe Val Met Lys Ser Pro Phe Asn Asn Arg Trp Tyr	
245 250 255	
caa atg ggc atc gtc tca tgg ggt gaa ggc tgt gac cgg gat ggg aaa	816
Gln Met Gly Ile Val Ser Trp Gly Glu Gly Cys Asp Arg Asp Gly Lys	
260 265 270	

tat ggc ttc tac aca cat gtg ttc cgc ctg aag aag tgg ata cag aag 864
Tyr Gly Phe Tyr Thr His Val Phe Arg Leu Lys Lys Trp Ile Gln Lys
 275 280 285

gtc att gat cag ttt gga gag 885
Val Ile Asp Gln Phe Gly Glu
290 295

```
<210> 2
<211> 295
<212> PRT
<213> Homo sapiens
```

<400> 2																
Thr	Phe	Gly	Ser	Gly	Glu	Ala	Asp	Cys	Gly	Leu	Arg	Pro	Leu	Phe	Glu	
1				5					10					15		
Lys	Lys	Ser	Leu	Glu	Asp	Lys	Thr	Glu	Arg	Glu	Leu	Leu	Glu	Ser	Tyr	
			20					25					30			
Ile	Asp	Gly	Arg	Ile	Val	Glu	Gly	Ser	Asp	Ala	Glu	Ile	Gly	Met	Ser	
		35					40					45				
Pro	Trp	Gln	Val	Met	Leu	Phe	Arg	Lys	Ser	Pro	Gln	Glu	Leu	Leu	Cys	
	50					55					60					
Gly	Ala	Ser	Leu	Ile	Ser	Asp	Arg	Trp	Val	Leu	Thr	Ala	Ala	His	Cys	
65					70					75					80	
Leu	Leu	Tyr	Pro	Pro	Trp	Asp	Lys	Asn	Phe	Thr	Glu	Asn	Asp	Leu	Leu	
				85					90					95		
Val	Arg	Ile	Gly	Lys	His	Ser	Arg	Thr	Arg	Tyr	Glu	Arg	Asn	Ile	Glu	
			100					105					110			
Lys	Ile	Ser	Met	Leu	Glu	Lys	Ile	Tyr	Ile	His	Pro	Arg	Tyr	Asn	Trp	
		115					120					125				
Arg	Glu	Asn	Leu	Asp	Arg	Asp	Ile	Ala	Leu	Met	Lys	Leu	Lys	Lys	Pro	
	130					135					140					
Val	Ala	Phe	Ser	Asp	Tyr	Ile	His	Pro	Val	Cys	Leu	Pro	Asp	Arg	Glu	
145					150					155					160	
Thr	Ala	Ala	Ser	Leu	Leu	Gln	Ala	Gly	Tyr	Lys	Gly	Arg	Val	Thr	Gly	
				165				170						175		
Trp	Gly	Asn	Leu	Lys	Glu	Thr	Trp	Thr	Ala	Asn	Val	Gly	Lys	Gly	Gln	
			180					185					190			
Pro	Ser	Val	Leu	Gln	Val	Val	Asn	Leu	Pro	Ile	Val	Glu	Arg	Pro	Val	
		195					200					205				

Cys Lys Asp Ser Thr Arg Ile Arg Ile Thr Asp Asn Met Phe Cys Ala
210 215 220

Gly Tyr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys Glu Gly Asp
225 230 235 240

Ser Gly Gly Pro Phe Val Met Lys Ser Pro Phe Asn Asn Arg Trp Tyr
245 250 255

Gln Met Gly Ile Val Ser Trp Gly Glu Gly Cys Asp Arg Asp Gly Lys
260 265 270

Tyr Gly Phe Tyr Thr His Val Phe Arg Leu Lys Lys Trp Ile Gln Lys
275 280 285

Val Ile Asp Gln Phe Gly Glu
290 295